

Editorial



Dear Readers,

Naše more, International Journal of Maritime Science & Technology "Our Sea", entered the second century of its existence. It has been a long and turbulent period during which our journal has transformed from a professional to a scientific journal, looking forward to being accepted in the group of the best publications in this part of the world that address maritime topics. Also, on a global scale there are only a few specialised journals on seafaring published for such a long period. Thus, our publication may be considered our maritime and cultural heritage.

The first issue in 2021 contains 7 papers. The first one is the original scientific paper by Croatian authors Ognjen Bonacci, Igor Ljubenkov and Tanja Roje-Bonacci from the Faculty of Civil Engineering, Architecture and Geodesy, University of Split under the title: Different Climate Changes at Two Locations on a Small Karst Island Korčula (Adriatic Sea, Croatia). The paper analyses the series of annual, monthly and daily air temperatures and annual and monthly rainfall at two meteorological stations in Vela Luka and Korčula on the island of Korčula. This paper should serve as an incentive to study in greater detail and more reliably predict the development of rising air temperatures and decreasing annual rainfall on the small island of Korčula, which could be of benefit to many other small islands, especially in the Adriatic and the Mediterranean Sea.

The second one is by Slovak authors Peter Marienka, Marcel Frančák and Juraj Jagelčák from the Department of Road and Urban Transport, the Faculty of Operation and Economics of Transport and Communications, the University of Žilina. Paper is titled: Evaluation of Bulk Cargo Dynamics in the ACTS Intermodal Container. The paper deals with methods how to ensure safety during transport within the intermodal chain. It is important to identify possible dynamic events that could affect the cargo. One of the objectives was also to find out how parameters such as braking distance, braking time and mean fully developed deceleration (MFDD) change in the case of empty and loaded ACTS container, as well as correlation analysis of values gathered from sensors placed on different parts of the container.

The third one is preliminary communication by Croatian authors Predrag Kralj, Dragan Martinović, Mato Tudor and Davor Lenac from the Faculty of Maritime Studies, the University of Rijeka and titled: Optimized Marine Fresh Water Generator Control System. The paper introduces different approaches to the management of marine fresh water generator and points out the most important factors affecting these processes. In the second section the paper deals with the operation time and total overhaul time, both influenced by the evaporation intensity. The following section gives a thermal analysis of the processes, resulting in energy balance equation that could be used as a base for the optimal control system for one single-stage unit.

The fourth paper is preliminary communication by Slovak authors Martin Jurkovič and Tomáš Kalina from the Department of Water Transport, Faculty of Operation and Economics of Transport and Communications, the University of Žilina, entitled: Waterway Agenda Information System. The main objective of the paper is to design the architecture of the Waterway Agenda Information System, which will provide multi-channel electronic access to public waterway services. In a comprehensive information solution for the waterway transport agenda (issuing vessel certificates,

proficiency certificates, waterway information, navigational safety, etc.), the paper form of individual submissions will be replaced, which will reduce the processing time, simplify and make the whole administrative process transparent.

The fifth paper is scientific review by Croatian authors Luka Vukić and Ivan Peronja from the Faculty of Maritime Studies, the University of Split and Vice Mihanović from the Port Authority Split. Paper is titled: Attitudes of the Local Population and Business Stakeholders on the Impact of Cruise Tourism on Destination. The paper discusses the attitudes of key stakeholders on the positive and negative implications of cruise tourism in Split.

The next papers is a professional paper by Ukrainian authors Myroslav Panchuk, Andrii Panchuk and Iryna Semianyk from the Ivano-Frankivsk National Technical University of Oil and Gas and Polish author Aleksander Ślaskowski from the Silesian University of Technology in Katowice. Paper is titled: New Technologies for Hull Assemblies in Shipbuilding. This is a comprehensive study about combined application of modern laser technologies in shipbuilding under the condition of a high load degree of the production that is capable to ensure the cost which can be compared with the cost of the same products manufactured by means of conventional methods.

The last paper is a professional paper by Polish authors Marek Zellma and Agata Załęska-Fornal from the Faculty of Mechanical-Electrical Engineering, Polish Naval Academy, Gdynia. Paper is titled: Application of B Splines to Identification of the Movement Equations of the Floating Objects. This paper deals with the possibilities of using B-splines to determine a mathematical model in the form of linear differential equations describing the change of the motion parameters of floating objects depending on the values of the control signals. The developed method was illustrated by an example of identification of underwater submarine motion equations describing the change in draft depth and trim angle depending on the difference between buoyancy force and ship's weight.

All papers published in our journal are indexed in various citation databases. We have been a Scopus indexed journal for nearly 20 years now, while recently our journal has entered WoS Core Collection (ESCI) data-base. Our main goal is to be accepted in the Science Citation Index Expanded (SCI-E), which depends solely on the quality of the published articles. Therefore, the authors are invited to help us accomplish that goal by striving to improve the quality of their articles with the original and concise topics elaborated in their papers.

Besides our publisher, The University of Dubrovnik, the journal is considerably supported by The Ministry of Science and Education of the Republic of Croatia. In addition to the support provided by The Ministry and our Editor, our sponsors are especially important, Atlantska plovidba being our longest continuous sponsor. Recently, Society of Friends of Dubrovnik Antiquities, Tourist Board of the City of Dubrovnik, Dubrovnik-Neretva County, Dubrovnik Airport and others have become our partners.

We are especially grateful for all the support and co-operation, and above all, for the constructive comments, suggestions and remarks that will help us sail full speed ahead in future.

Yours sincerely,

Srećko Krile
Editor-in-Chief